

### **3.7 SCHOOL BUS INVOLVEMENT**

***This section presents a series of data displays which identify school bus involvement in Missouri's traffic crash experience. School bus involved traffic crashes are defined as any crash in which one or more school buses were directly involved in the incident or where a school bus signal was associated with the traffic crash. Data displays are presented which identify characteristics of school bus drivers involved in these traffic crashes.***

#### **2000 SUMMARY ANALYSIS**

- Of all 2000 Missouri traffic crashes, 0.9% involved a school bus. Of all fatal traffic crashes, 0.3% involved a school bus. Four people were killed and 797 were injured in school bus crashes.
- There was an increase of 1.3% in the rate of change when comparing 2000 school bus traffic crashes with those in 1999.
- In 2000, one person was killed or injured in a school bus crash every 11.0 hours in the State of Missouri.
- In 94.0% of the school bus traffic crashes, one or more school buses were directly involved in the incident. In 6.0% of the cases, a school bus signal was associated with the crash.
- Of all 2000 school bus crashes, the first harmful event in 77.5% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 16.8% of the cases one motor vehicle in transport struck a parked vehicle.
- Of all 2000 school bus traffic crashes, 73.1% occurred in urban areas of the State and 26.9% occurred in rural areas. However, in 2000 fatal school bus traffic crashes, 66.7% occurred in a rural area.
- Of all 2000 school bus traffic crashes, 64.6% occurred on a city street, 11.2% occurred on a county road, and 7.1% occurred on a state numbered road.
- Of all school bus drivers involved in traffic crashes, 43.9% were male and 56.1% were female. The average age of school bus drivers was 42.3 years.

**2000 MISSOURI TRAFFIC CRASHES**  
**SCHOOL BUS INVOLVEMENT**

SCHOOL BUS INVOLVEMENT							SCHOOL BUS PASSENGERS <sup>2</sup>					
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER <sup>1</sup>	DRIVERS KILLED	PASSENGERS KILLED	INJURED
SCHOOL BUS INVOLVED	3	0.3	321	0.7	1,315	1.0	1,639	0.9	4	797	0	509
NO SCHOOL BUS INVOLVED	987	99.7	48,887	99.3	135,417	99.0	185,291	99.1	1,152	74,831	-	-
UNKNOWN <sup>3</sup>	1	-	507	-	6,340	-	6,848	-	1	700	-	-
<b>TOTAL</b>	<b>991</b>	<b>100.0</b>	<b>49,715</b>	<b>100.0</b>	<b>143,072</b>	<b>100.0</b>	<b>193,778</b>	<b>100.0</b>	<b>1,157</b>	<b>76,328</b>	<b>0</b>	<b>509</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where one or more school buses / signals were involved.

<sup>2</sup>This statistic indicates the number of school bus drivers and passengers in the school bus killed and injured.

<sup>3</sup>Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a school bus or no school bus signals were involved and the body type of one or more vehicles in the crash was not known.

**TABLE 3.7.1**